

AMD Technical Work Group

Evaluation Criteria

1 = worst, least effective, most expensive; 5 = best, most effective, least costly)

Criteria	Explanation	Score (1-5)
Treatment Effectiveness <i>% reduction in metal concentration</i>	% reduction in <u>concentration</u> in waters <u>downstream</u> from treatment	
Length of Effective Treatment <i>e.g. permanent or temporary</i>	Length of time treatment goals are met.	
Energy Cost Reduction Potential	Energy \$/year at current rates for fuel/electricity	
O/M Cost reduction potential	Total annual cost for all operating and maintenance expenses plus estimates for future costs based on a low and high cost scenario.	
Disposal Cost reduction potential	<i>If sludge is produced</i> , total annual cost for disposal including, transportation and disposal fees. (e.g., pass TCLP?).	
Capital Cost reduction potential	Total construction cost for all needed facilities in current prices.	
Transportation cost reduction potential	<i>If material is transported to site</i> , total annual cost for transportation, location of materials and future potential location of materials.	
Reliability	Compliance issues, system backup needs, personnel requirements.	
Implementability	Site footprint needed, special needs, aesthetic considerations (smell).	
Income potential	Sale of product to reduce treatment costs.	
Operator requirements	Annual and daily labor needs.	
Pollution Generation	Air, Water, Soil pollution generated as a by-product of technology application (lbs/year).	

Note: Specific criteria may not be applicable to all treatment technologies.